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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/039,795	10/19/2001	Yong Tuck Lee	SS-31	9199

7590 03/07/2006  
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EXAMINER

WOO, STELLA L

ART UNIT PAPER NUMBER

2643

DATE MAILED: 03/07/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/039,795	LEE, YONG TUCK	
	<b>Examiner</b>	<b>Art Unit</b>	
	Stella L. Woo	2643	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 13 August 2004.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 21-36 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 21-36 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 October 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 21, 24-25 and 36 are rejected under 35 U.S.C. 102(b) as being anticipated by Kumano (US 5,349,629).

Regarding claims 21, 24, 36, Kumano discloses a data storage and retrieval system comprising:

means for storing contact information by group (abbreviated numbers are stored in memory area 18A by group; see Figure 3; col. 1, lines 64-65);

means for associating said contact information with an associated group with a code that includes a group number and a contact number (user enters a “code” by first entering the associated group number, col. 6, line 40, and then desired abbreviated contact number by depressing the call button when the contact number is displayed, col. 6, lines 53-61; col. 7, lines 18-21); and

means for automatically communicating with a contact by entering said code (when the above-described “code” is entered, the call signal corresponding to the telephone number data stored in memory area 18b is transmitted to establish connection with the called party; col. 7, lines 21-25).

Regarding claim 25, each group can be associated with a plurality of contacts (see Figure 3).

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 22, 28-35 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kumano in view of Sussman (US 5,483,586).

Kumano differs from claims 22 and 31-32 in that it does not teach storing the contact information at a server. However, Sussman teaches the desirability of retrieving contact information from a server (central telephone directory service provider 1 with subscriber information database 2 and central on-line database system 3; Figure 1; Abstract) such that it would have been obvious to an artisan of ordinary skill to incorporate such storage of contact information at a server, as taught by Sussman, in order to retrieve the most up-to-date directory information from any telephone.

Regarding claims 28-29, 33-35, Sussman teaches the requirement of a user identification code and password to prevent unauthorized access (col. 3, lines 35-46; col. 7, lines 10-13).

5. Claim 23 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kumano in view of Sussman, as applied to claim 22 above, and further in view of Beaton et al. (US 6,526,129, hereinafter "Beaton").

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The combination of Kumano and Sussman differs from claim 23 in that it does not teach accessing the contact information at the server via a web site. However, Beaton teaches such access via the Internet (directory information at central server 106 can be accessed over the Internet, Intranet or dial-up service by computer users; col. 3, lines 52-58) such that it would have obvious to an artisan of ordinary skill to incorporate such access via the Internet, as taught by Beaton, for retrieving the contact information from the server via a user-friendly interface, such as a web site over the Internet.

6. Claims 26-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kumano in view of Beaton.

Kumano differs from claims 26-27 in that it does not teach sending email. However, Beaton teaches communication via e-mail (e-mail button 864), audio message (voicemail button 862) and conversion between different communication types (col. 5, line 64 – col. 6, line 20) such that it would have been obvious to an artisan of ordinary skill incorporate such email communication capability, as taught by Beaton, within the system of Kumano in order to provide the user with an alternative means of communicating to another user.

### ***Response to Arguments***

7. Applicant's arguments with respect to claims 21-36 have been considered but are moot in view of the new ground(s) of rejection.

*Conclusion*

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

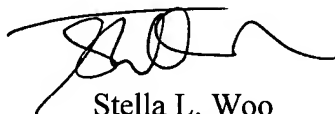
A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stella L. Woo whose telephone number is (703) 305-4395. The examiner can normally be reached on Monday-Tuesday, Thursday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curtis Kuntz can be reached on (703) 305-4708. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Stella L. Woo', with a stylized flourish at the end.

Stella L. Woo  
Primary Examiner  
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